



Atty Dkt 2300-1618
PP01618.003
PATENT

1648

TECH CENTER 1600/2900

OCT 24 2001

RECEIVED

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on October 9, 2001.

10/9/01
Date

Patricia K. Pasternak
Signature

16
ML

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Houghton et al.

Serial No.: 09/728,423

Group Art Unit: unassigned

Filing Date: December 1, 2000

Examiner: unassigned

Title: ELICITING HCV-SPECIFIC ANTIBODIES

TRANSMITTAL LETTER

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is an Information Disclosure Statement, including a Form PTO-1449 and copies of the cited references. It is believed that no fee is due.

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 which may be required by this paper, or to credit any overpayment, to Deposit Account No. 18-1648.

Respectfully submitted,

Date: Oct 9, 2001

By: Dahna S. Pasternak
Dahna S. Pasternak
Registration No. 41,411

ROBINS & PASTERNAK LLP
90 Middlefield Road, Suite 200
Menlo Park, CA 94025
Telephone: (650) 325-7812
Facsimile: (650) 325-7823

RECEIVED

OCT 24 2001

TECH CENTER 1600/2900

Atty Dkt 10-1618
PP01618.003
PATENT

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on October 9, 2001.



10/9/01
Date

Patent [Signature]
Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Houghton et al.

Serial No.: 09/728,423

Group Art Unit: unassigned

Filing Date: December 1, 2000

Examiner: unassigned

Title: ELICITING HCV-SPECIFIC ANTIBODIES

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The information listed below may be material to the examination of the above-identified application. Copies of the information and completed PTO-1449 forms are submitted herewith. The Examiner is respectfully requested to make this information of official record in the application. The information includes:

- United States Patent No. 6,121,020 issued September 19, 2000 to Selby et al.;
- International Publication No. WO 95/04301 published February 9, 1995;
- International Publication No. WO 96/05513 published February 22, 1996;
- Alter et al., "The Natural History of Community Acquired Hepatitis C in the United States," *N. Engl. J. Med.* 327:1899-1905 (1992);
- Choo et al., "Genetic Organization and Diversity of the Hepatitis C Virus," *Proc. Natl. Acad. Sci. U.S.A.* 88:2451-2455 (1991);
- Forns et al., "DNA Immunization of Mice and Macaques with Plasmids Encoding Hepatitis C Virus Envelope E2 Protein Expressed Intracellularly and on the Cell Surface," *Vaccine* 17:1992-2002 (1999);
- Fourmiller et al., "Expression of Noncovalent Hepatitis C Virus Envelope E1-E2 Complexes is Not Required for the Induction of Antibodies with Neutralizing Properties Following DNA Immunization," *J. Virology* 73:7497-7504 (1999);

- Inudoh et al., "Antigenicity of Hepatitis C Virus Envelope Proteins Expressed in Chinese Hamster Ovary Cells," *Vaccine* 14:1590-1596 (1996);
- Ishii et al., "High Titers of Antibodies Inhibiting the Binding of Envelope to Human Cells Correlate With Natural Resolution of Chronic Hepatitis C," *Hepatology* 28:1117-1120 (1998);
- Ralston et al., "Characterization of Hepatitis C Virus Envelope Glycoprotein Complexes Expressed by recombinant Vaccinia Viruses," *J. Virology* 67:6753-6761 (1993);
- Resnick and Koff, "Hepatitis C-Related Hepatocellular Carcinoma," *Arch. Intern. Med.* 153:1672-1677 (1993);
- Rosa et al., "A Quantitative Test to Estimate Neutralizing Antibodies to the Hepatitis C Virus: Cytofluorimetric Assessment of Envelope Glycoprotein 2 Binding to Target Cells," *Proc. Natl. Acad. Sci. U.S.A.* 93:1759 (1996);
- Seeff, "Natural History of Viral Hepatitis, Type C," *Gastrointest. Dis.* 6(1):20-27 (1995); and
- Spaete et al., "Characterization of the Hepatitis C Virus E2/NS1 Gene Product Expressed in Mammalian Cells," *Virology* 188:819-830 (1992).

This Information Disclosure Statement under 37 CFR § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

Respectfully submitted,

Date: Oct 9, 2001

By: D. Pasternak
Dahna S. Pasternak
Registration No. 41,411

ROBINS & PASTERNAK LLP
90 Middlefield Road, Suite 200
Menlo Park, CA 94025
Telephone: 650-325-7812
Facsimile: 650-325-7823